HANDHELD PORTABLE AUTOMATIC
EMERGENCY ALERT SYSTEM AND METHOD

ABSTRACT

In one embodiment, an automated emergency alert system includes a handheld portable communication device operable to initiate communication over a wireless telecommunications network, a dynamic sensor operable to generate an acceleration

5 profile for the device, and a memory operable to store one or more predefined acceleration profiles each associated with an emergency event. The system also includes one or more processors collectively operable to (1) receive from the dynamic sensor an acceleration profile for the device; (2) access one or more of the stored predefined acceleration profiles; (3) compare the received acceleration profile to the

10 one or more stored predefined acceleration profiles to determine if the acceleration profile substantially matches a predefined acceleration profile; and (4) if it is determined that the acceleration profile substantially matches a stored predefined acceleration profile, initiate a communication using the network to one or more emergency call centers to notify the call center that the emergency event has occurred.

15